

*AMENDMENTS TO THE CLAIMS*

This listing of claims will replace all prior versions, and listings, of claims in the application.

*Listing of Claims*

Claim 1 (currently amended): A method for diagnosing a ~~person's~~ susceptibility for having a risk for the development of alcoholism in a person who is a member of a population that is heterozygous for a polymorphism in the signal peptide of human preproNPY, said method comprising determining by analysis of a nucleic acid encoding human preproNPY whether said person has a polymorphism in the signal peptide part of the human preproNPY, said polymorphism comprising a substitution of proline for leucine at position 7 in the signal peptide part of said human preproNPY, said polymorphism being indicative of a risk for the development of alcoholism in said person.

Claim 2 (previously presented): The method according to claim 1 wherein said polymorphism in the signal peptide part of the human preproNPY of said person is determined by subjecting a position 7 allele specific oligonucleotide probe to a sample from said subject, said sample comprising a target polynucleotide of said human preproNPY.

Claims 3-10 (canceled).